# **PCT**

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
1955 P 133	ACTION as we	ll as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/US2004/039361	22/11/2004	25/11/2003
Applicant		
NUVERA FUEL CELLS, INC.		
This International Search Report has bee according to Article 18. A copy is being to	en prepared by this International Searching Autransmitted to the International Bureau.	hority and is transmitted to the applicant
This International Search Report consists	s of a total of sheets.	
X It is also accompanied by	y a copy of each prior art document cited in this	report.
Basis of the report     With repard to the language the	international search was carried out on the ba	
language in which it was filed, un	elless otherwise indicated under this item.	sis of the international application in the
The international	search was carried out on the basis of a trans	lation of the international application furnished to
this Authority (Ru	ule 23.1(b)).	adon of the international application furnished to
b. With regard to any nucle	otide and/or amino acid sequence disclosed	in the international application, see Box No. I.
2. Certain claims were fou	ind unsearchable (See Box II).	
3. Unity of invention is lac	eking (see Box III).	
4. With regard to the <b>title</b> ,		
	ubmitted by the applicant.	·
=	shed by this Authority to read as follows:	
<del></del>		
•		
	·	
5 With regard to the abetract		
5. With regard to the <b>abstract</b> ,  X the text is approved as su	showitted by the equitions	
may, within one month fro	thed, according to Rule 38.2(b), by this Authori om the date of mailing of this international sear	ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.
6. With regard to the drawings,		
a. the figure of the <b>drawings</b> to be p	published with the abstract is Figure No	
as suggested by t	the applicant.	
X as selected by thi	s Authority, because the applicant failed to sug	gest a figure.
as selected by thi	s Authority, because this figure better characte	rizes the invention.
b. none of the figures is to be	e published with the abstract.	

#### INTERNATIONAL SEARCH REPORT

national Application No

PCT/US2004/039361 CLASSIFICATION OF SUBJECT MATTER
PC 7 F23N5/10 F23N1/02 IPC 7 F23N5/00 F23N5/24 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 F23N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Υ EP 0 380 705 A (MATSUSHITA ELECTRIC 1-23 INDUSTRIAL CO., LTD) 8 August 1990 (1990-08-08) page 5, line 9 - page 6, line 22 page 9, line 17 - line 21 page 14, line 8 - page 16, line 2 page 21, line 23 - page 23, line 13 US 2002/081470 A1 (HANAI SATOSHI ET AL) 1 - 2327 June 2002 (2002-06-27) paragraphs '0010!, '0011!, '0016!, '0043! EP 0 697 564 A (ABB RESEARCH LTD: LAMTEC 8,11,16, MESS- UND REGELTECHNIK FUER FEUERUNGEN GMBH &) 21 February 1996 (1996-02-21) column 1, line 7 - line 26 Further documents are listed in the continuation of box C. Χ Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docuother means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed \*8\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report

11/05/2005

Mougey, M

Authorized officer

3 May 2005

Name and mailing address of the ISA

NL - 2280 HV Rijswijk

Fax: (+31-70) 340-3016

European Patent Office, P.B. 5818 Patentlaan 2

Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

## INTERNATIONAL SEARCH REPORT.

PCT/US2004/039361

ategori e l	Citation of document with indication where appropriate of the city	 TB-II
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
,	US 5 828 582 A (CONKLEN ET AL) 27 October 1998 (1998-10-27) column 5, line 10 - line 19	10,23
	DE 100 45 272 A1 (HEATEC THERMOTECHNIK GMBH) 28 March 2002 (2002-03-28) paragraph '0038!	13
	DE 198 54 035 A1 (JOH. VAILLANT GMBH U. CO, 42859 REMSCHEID, DE) 27 May 1999 (1999-05-27) the whole document	1,7,9, 10,15, 17-20,22
	PATENT ABSTRACTS OF JAPAN vol. 008, no. 100 (M-295), 11 May 1984 (1984-05-11) & JP 59 013821 A (MITSUBISHI DENKI KK), 24 January 1984 (1984-01-24) abstract	1,2,4
	WO 03/019711 A (BALLARD POWER SYSTEMS AG; SCHONERT, MICHAEL) 6 March 2003 (2003-03-06) page 1, paragraph 3 page 3, paragraph 2 page 5, paragraph 3 - page 6, paragraph 1	1,17
	US 2002/056316 A1 (TACHIHARA TAKAHIRO ET AL) 16 May 2002 (2002-05-16) paragraph '0037! - paragraph '0048!	1,17
	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12, 3 January 2001 (2001-01-03) & JP 2000 240938 A (MATSUSHITA ELECTRIC WORKS LTD), 8 September 2000 (2000-09-08) abstract	1,17

### INTERNATIONAL SEARCH REPORT

ation on patent family members

PCT/US2004/039361

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0380705 A	08-08-1990	JP 1969319 C JP 2044121 A JP 6103092 B DE 68925890 D1	18-09-1995 14-02-1990 14-12-1994 11-04-1996
		DE 68925890 T2 EP 0380705 A1 WO 9001656 A1 KR 9511463 B1 US 5158448 A	31-10-1996 08-08-1990 22-02-1990 04-10-1995 27-10-1992
US 2002081470 A1	27-06-2002	JP 2002198073 A	12-07-2002
EP 0697564 A	21-02-1996	DE 4428953 A1 DE 59503838 D1 EP 0697564 A1	22-02-1996 12-11-1998 21-02-1996
US 5828582 . A	27-10-1998	DE 19812955 A1 JP 10306286 A	01-10-1998 17-11-1998
DE 10045272 A1	28-03-2002	NONE	
DE 19854035 A1	27-05-1999	AT 406900 B AT 50398 A	25-10-2000 15-02-2000
JP 59013821 A	24-01-1984	NONE	
WO 03019711 A	06-03-2003	DE 10141776 A1 WO 03019711 A2 US 2005037302 A1	06-03-2003 06-03-2003 17-02-2005
US 2002056316 A1	16-05-2002	JP 3398862 B2 JP 2002022160 A	21-04-2003 23-01-2002
JP 2000240938 A	08-09-2000	NONE	